

Dropping Insulin Requirements with Testosterone Injections

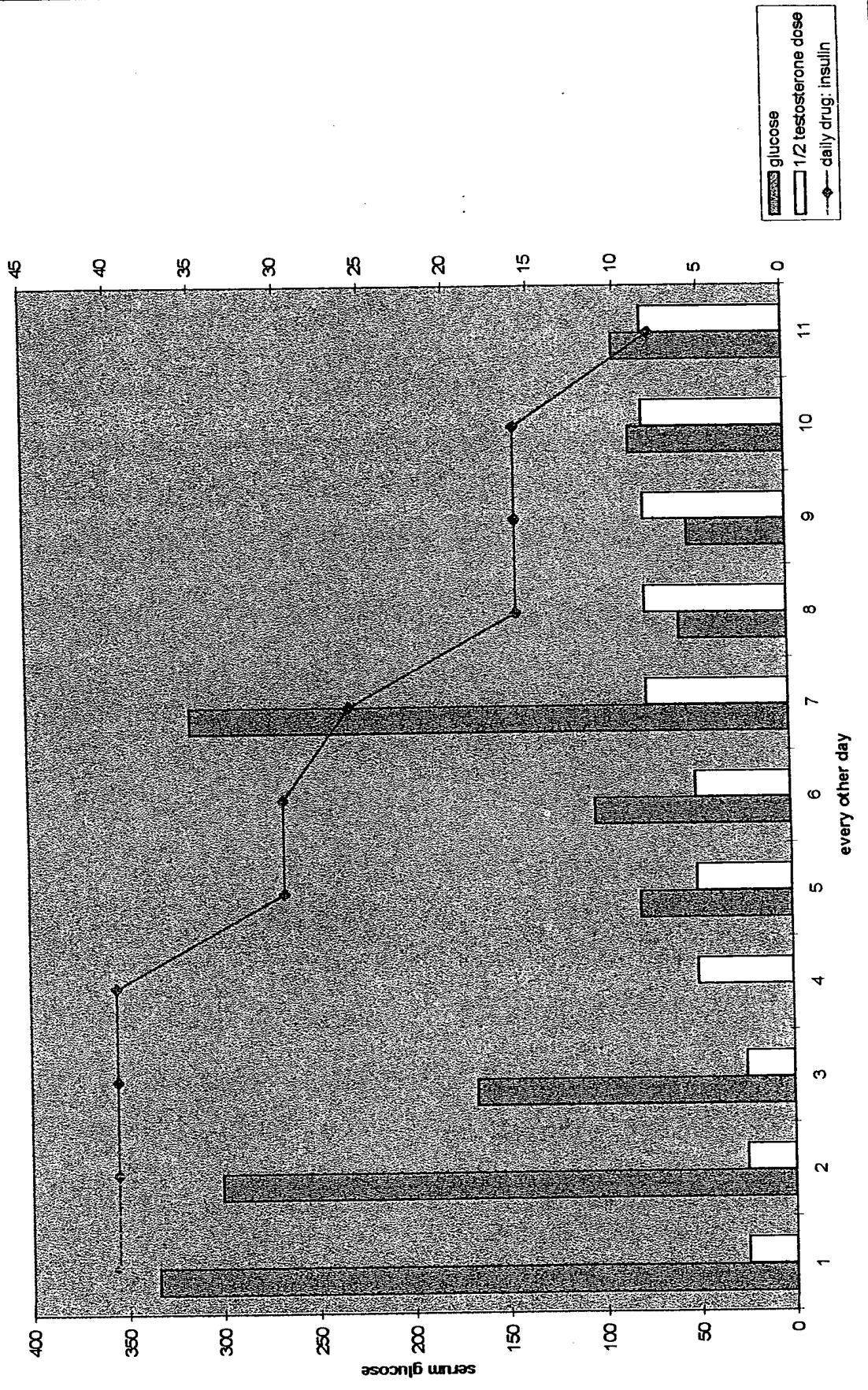
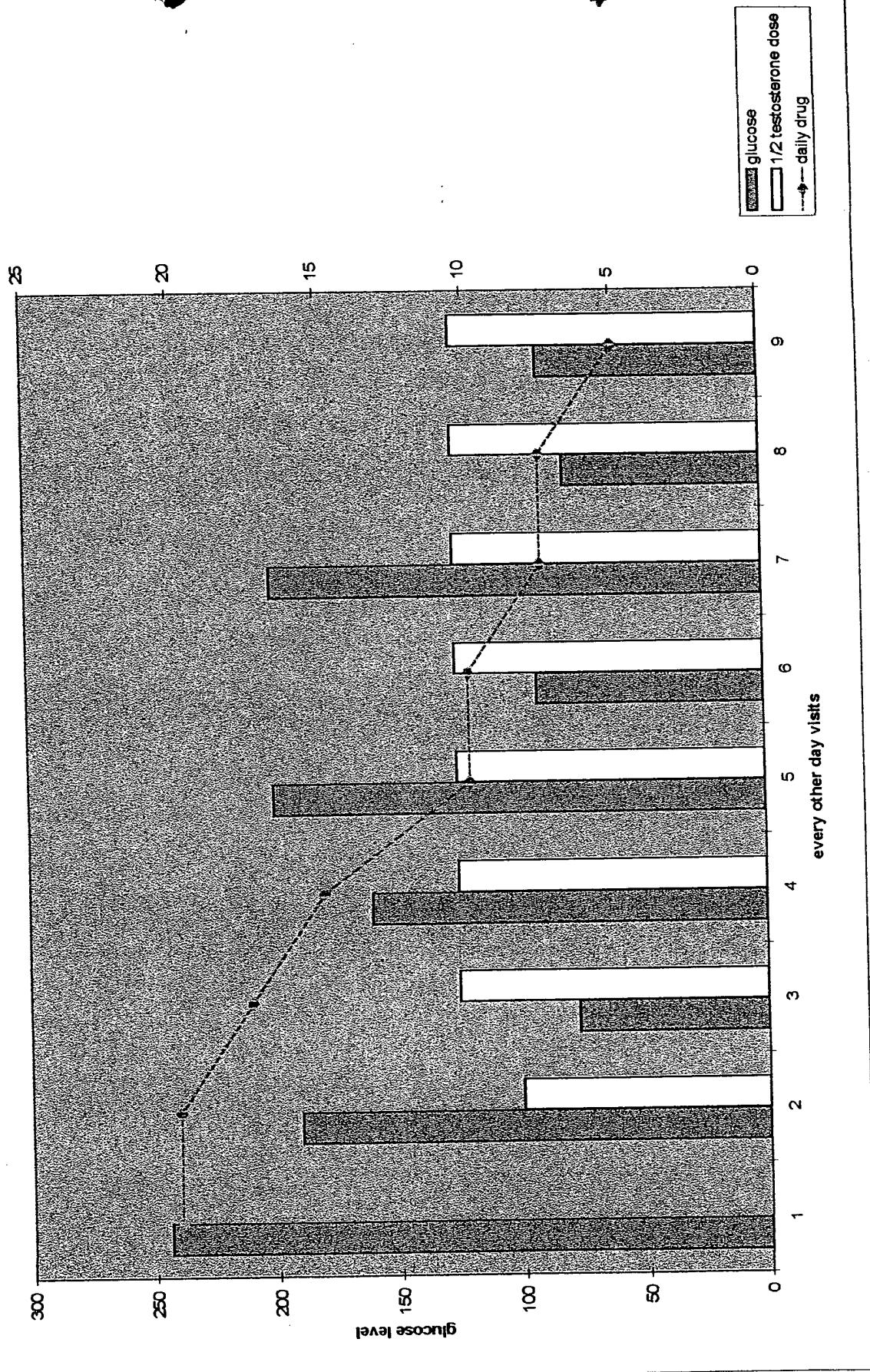


FIGURE 1

FIGURE 2

Dropping Micronase Requirements with Testosterone Injection



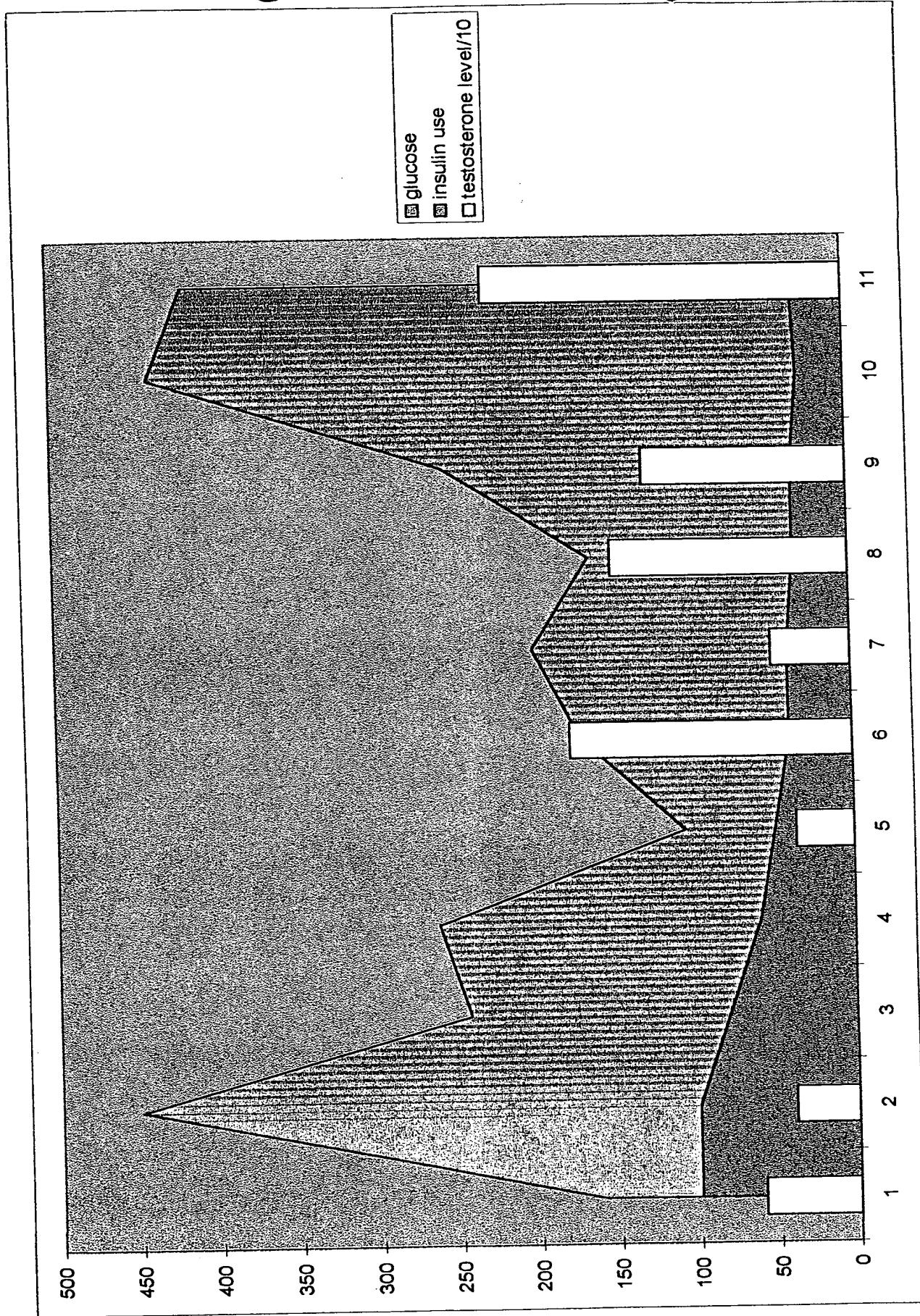


FIGURE 3

Time (days) 0 2 4 6 8 10 12

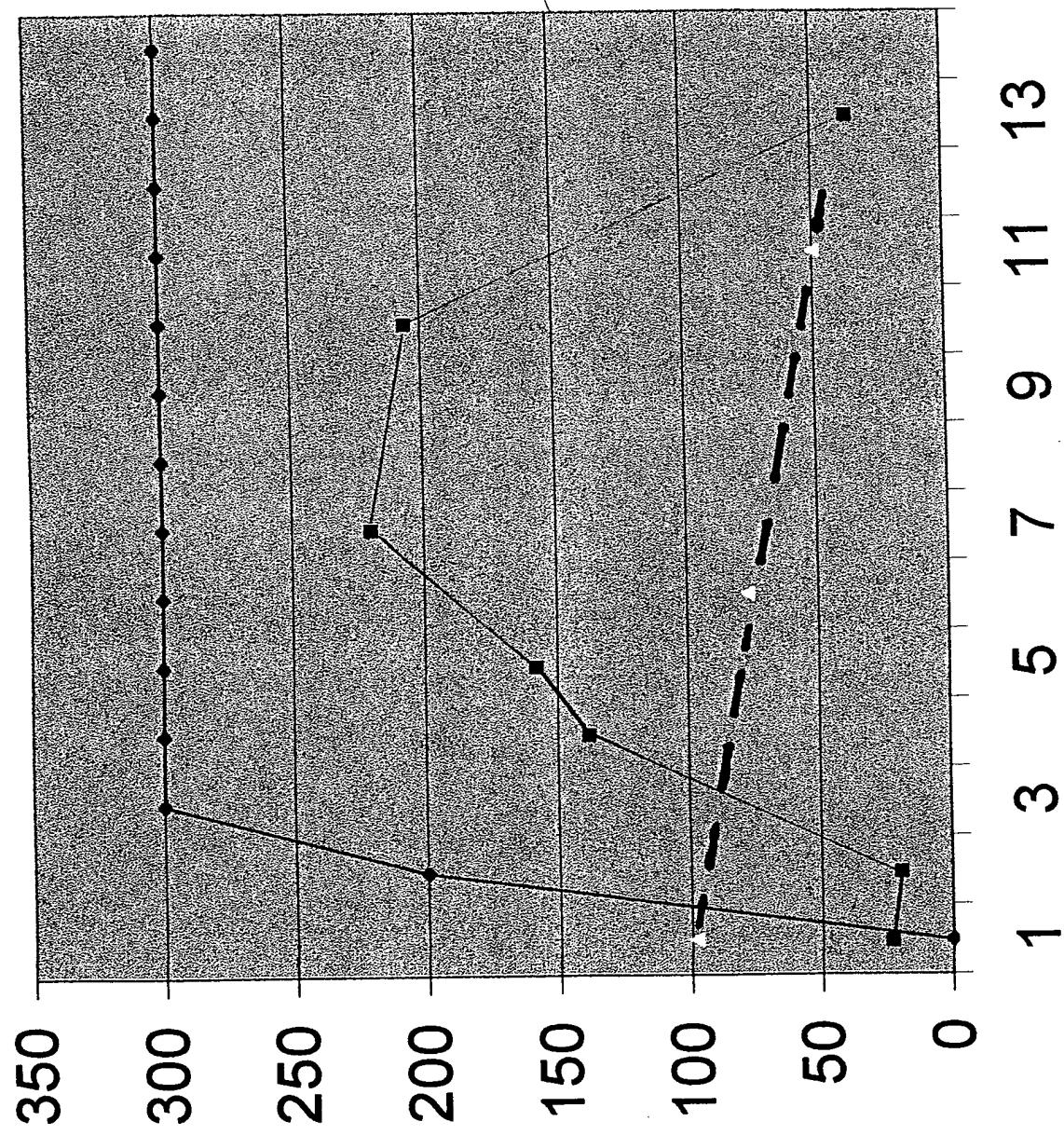


FIGURE 4

In vitro experiment showing differential effect of SHBG on the percentage unbound of tracer triated testosterone (o) and estradiol (*). Normal male and female concentrations indicated by the horizontal bars. Reproduced from Burke and Anderson with permission of Editor.

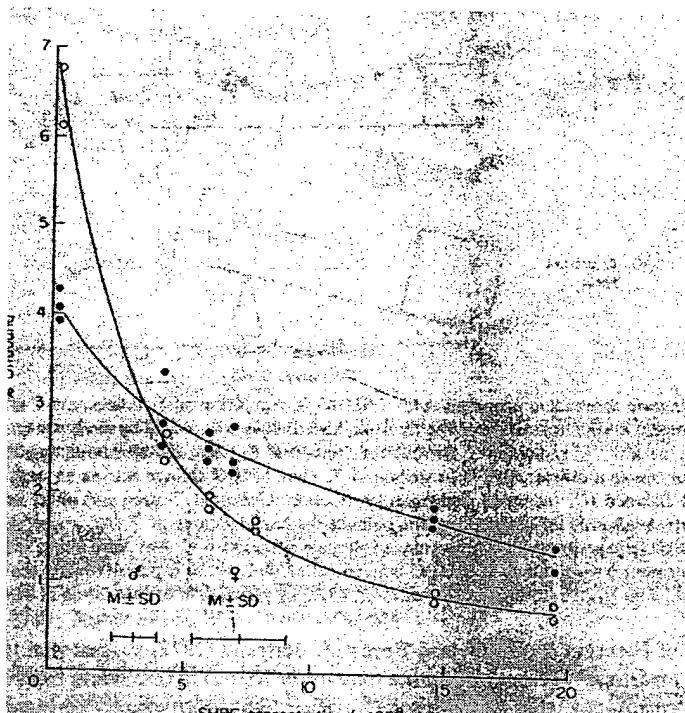


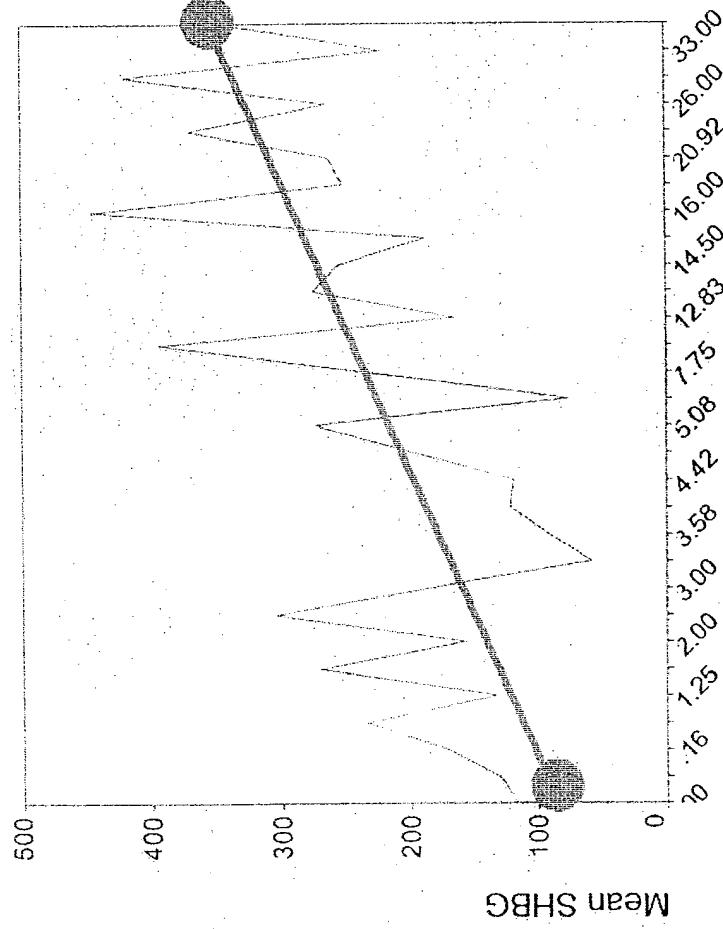
FIGURE 5

D-ESTROGENS Correlate to SHBG

LENGTH OF TIME ON ESTROGEN REPLACEMENT!

Mean SHBG
correlates with
Number of
Years on ERT

P < .0001



total duration of hrt use in years and months

FIGURE 6

Long-term ERT increases SHBG

- Correlation P value
- No vs >10 years .00005
 - 1-4 vs >10 years .00005
 - No vs 1-4 years .039
 - 5-9 vs >10 years .037

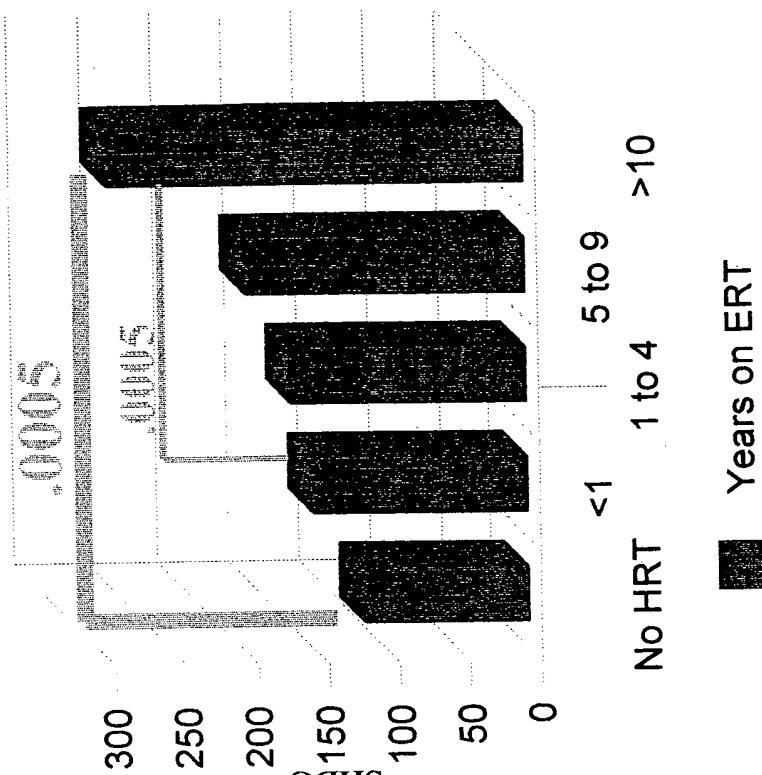
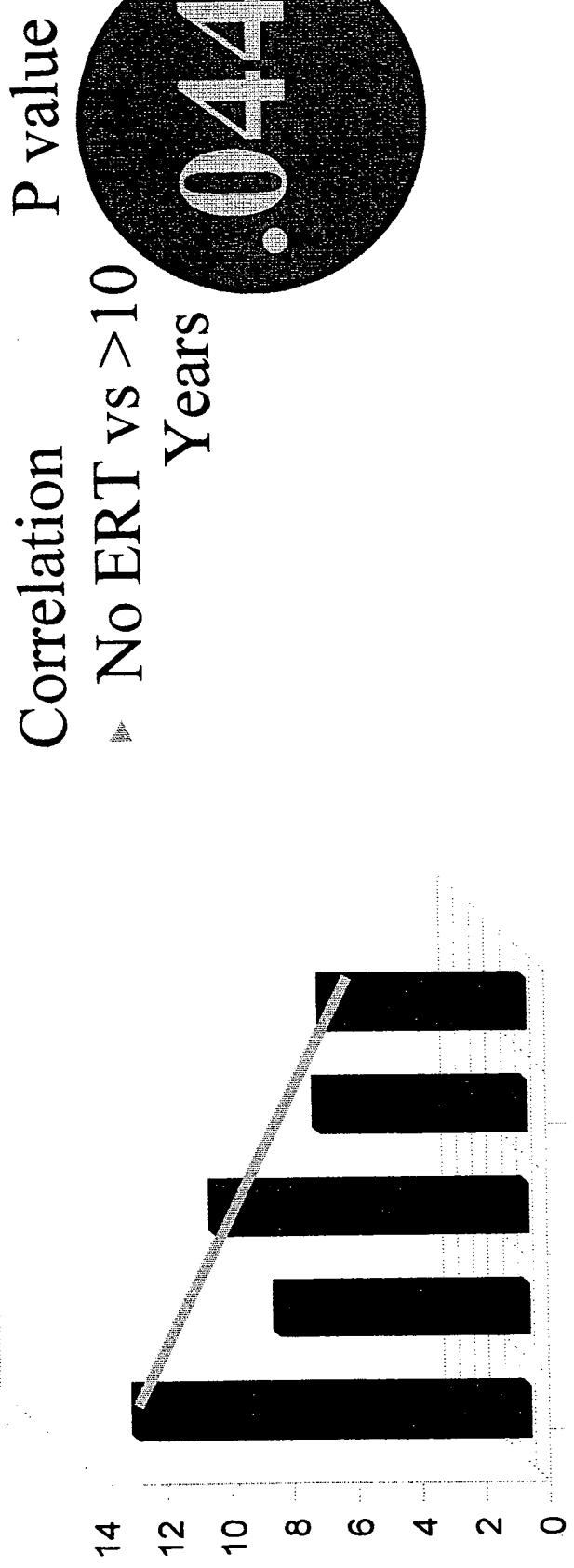


FIGURE 7

Long-term ERT correlates to Insulin

As D-ERT increases Serum Insulin Decreases



No ERT <1 1 to 4 5 to 9 >10



FIGURE 8

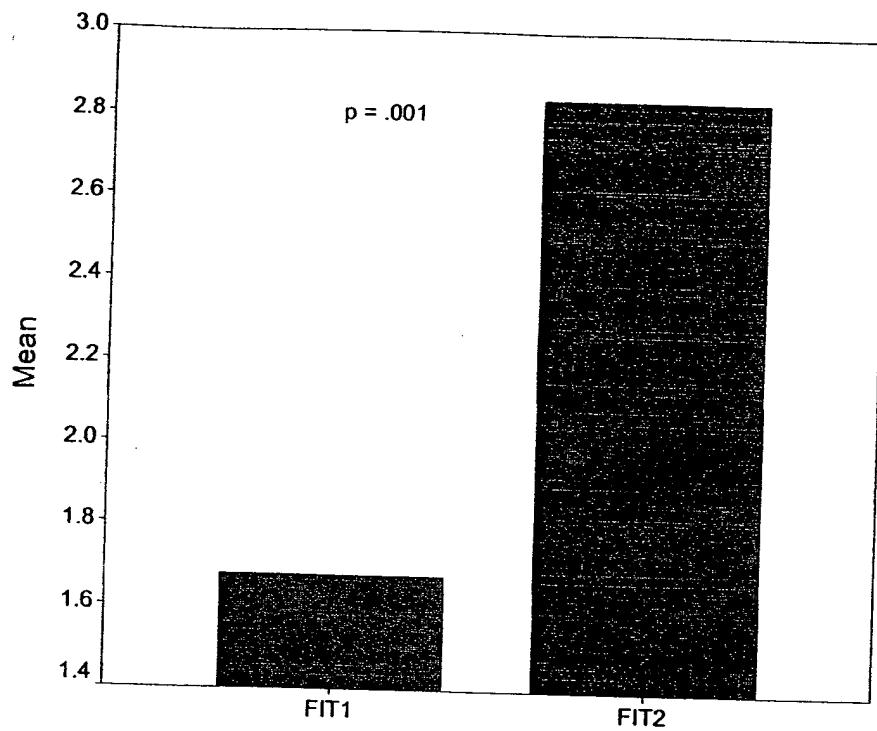


FIGURE 9

F.I.T. Index

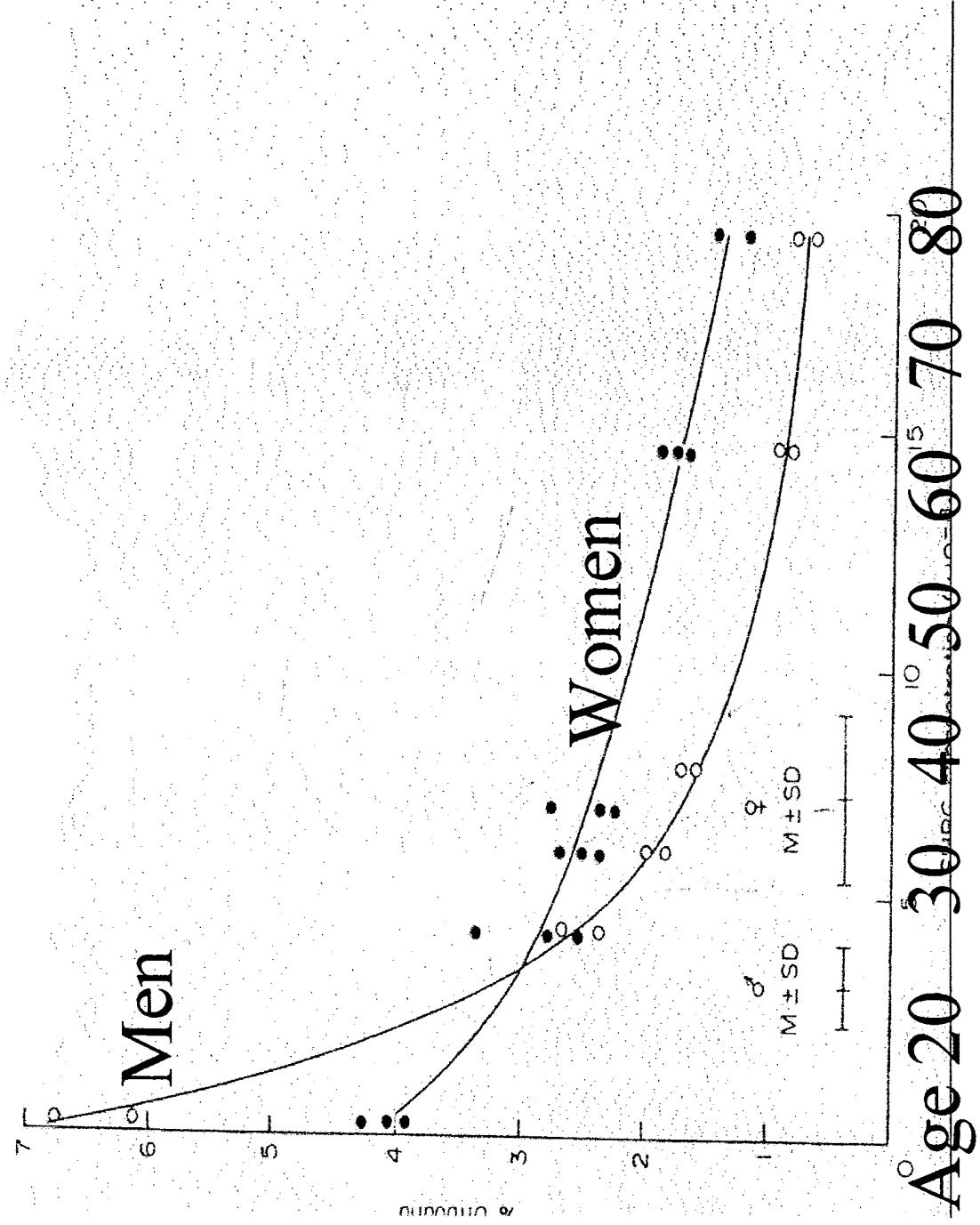


FIGURE 10